

Installation Instructions For The Java Version Of The Rumelhart Program

The purpose of this document is to describe the steps required to install and run the Java version of the Rumelhart program for exploring multilayer perceptrons. When installed, this program is equivalent to the RumelhartLite program written in Visual Basic, in the sense that this program does all that RumelhartLite does, and (like RumelhartLite) this program does not have the option to save network results in a structured Microsoft Excel worksheet.

Step 1 – Install Java

In order for the Java version of Rumelhart to be installed and run properly on your computer, Java must be installed first. If you already have Java installed on your computer, skip on ahead to [Downloading and Running Rumelhart](#)

Mac users:

If you are running OS X then you already have Java installed. If you are running OS 9 you might need to download MRJ (Macintosh Runtime for Java), which can be found here:

ftp://ftp.apple.com/developer/Java/MRJ_2.2.5_Install.bin

Windows, Linux and Solaris Users:

First, go to the following link to download the Java Runtime Environment:

<http://java.sun.com/j2se/1.4.2/download.html>

Scroll down to "Download J2SE" and select the first download in the "JRE" column. Accept the agreement and click continue. Select the download according to your platform. For example, a windows user could select *Windows Offline Installation* or *Windows Installation*.

In Windows:

- Run the installer you just downloaded by double-clicking on its icon.

In Linux and Solaris:

- Make sure permissions are correctly set:
chmod +x <name of file you downloaded>
- Change to the directory you want to install in.
- Run the self-extracting binary:
<path>/<name of file you downloaded>
If you are in the same directory as the file your path is "." :
./<name of file you downloaded>

More detailed instructions for downloading and running the installer for Windows,

Linux or Solaris can be found here: <http://java.sun.com/j2se/1.4.2/jre/install.html>

Step 2 - Downloading and Running Rumelhart

From the webpage, save the Rumelhart.jar file to your computer.

Windows and Mac users:

Double-click on its icon to run it.

Linux and Solaris users:

If you have added the Java directory to your path, run Rumelhart by typing:

```
java -jar Rumelhart.jar
```

If you have not added the Java directory to your path, run Rumelhart by typing:

```
<full path of java directory>/java - jar Rumelhart.jar
```

Information about Rumelhart:

Rumelhart uses JFreeChart which is freely available here:

<http://www.jfree.org/jfreechart/index.html>

JFreeChart is covered by the GNU Lesser General Public License:

<http://www.object-refinery.com/lgpl.html>

Note: You do **NOT** need to download JFreeChart to run Rumelhart. The link is supplied above as part of the licensing agreement for using this component in the Java version of Rumelhart.